



OILMAN

AUS-32

**Diesel Exhaust Fluid For Vehicles
with SCR Technology**



MEETS VDA SPECIFICATION



26 L

AUS-32 by Oilman for greener nature

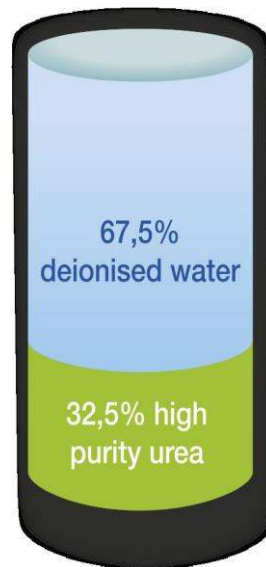


AUS-32 by Oilman

What is AUS-32 and what does it do?

Oilman AUS-32 is highly purified colorless liquid. It contains pure (deionized) water and technical grade urea. **AdBlue is used with diesel engine with SCR technology.** It is also known as AUS 32, DEF or ARLA 32.

This technology reduces harmful NOx emission as defined in **BS IV / EURO 4 Norms and above.**



Biodegradable, soluble in water and colourless Oilman AUS-32 crystallises at -11°C and decomposes into ammonia from 80°C .



Oilman AUS-32 is classified as non-hazardous product.



Oilman AUS-32 is used by Diesel vehicle equipped with SCR Technology.



Oilman AUS-32 must be stored indoor protected from direct sunlight and properly sealed.



WHY WRITE ADBLUE[®] WITH THE [®] SYMBOL?

Because AdBlue[®] is a registered trademark of German Association of the Automotive Industry (VDA), which ensures that the product meets quality requirements.

Oilman AUS-32

A smart choice for Vehicle and the Environment

Key benefits of Oilman AUS-32



It protects SCR Systems

As the purity of AUS-32 by Oilman is closely controlled, it does not damage SCR Systems



It helps vehicles meet the latest emission standards

AUS-32 by Oilman helps vehicle comply with BS IV and above Emission Standards



It has long Shelf Life

AUS-32 by Oilman has shelf life of Least 12 months when stored under recommended conditions.



It is delivered in Liquid Form

As AUS-32 by Oilman is supplied in liquid form, it's easy to store and deploy.

It reduces fuel consumption

AUS-32 by Oilman cuts fuel consumption by 5% - without reducing engine output



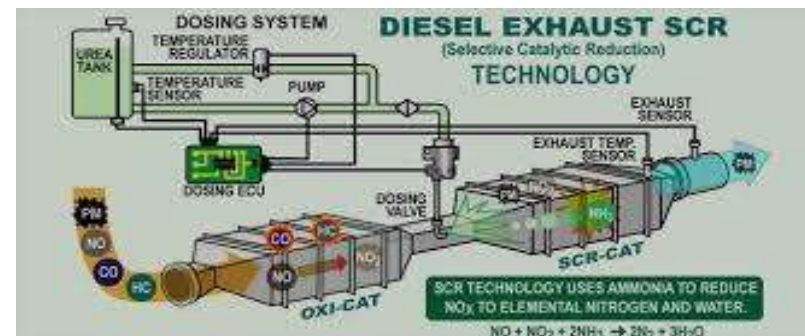
It Reduces Exhaust Emissions

The amount of NOX in exhaust gas can be reduced by 85 - 95%.



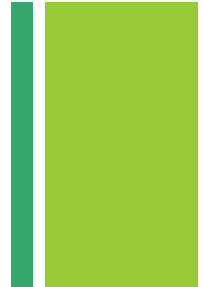
Its environment friendly

AUS-32 by Oilman is fully biodegradable and does not pollute water and soil.



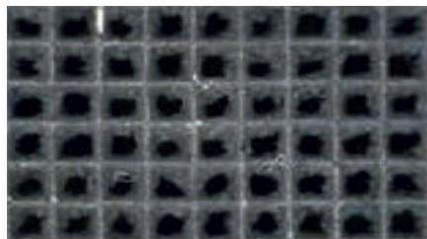
Oilman AUS-32

Advantages against Low quality Urea Solution



Low-Quality aqueous Urea Solution

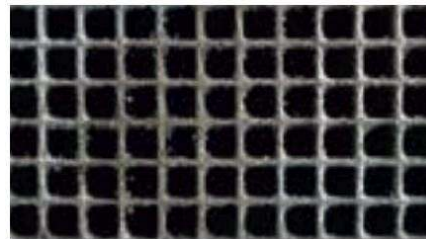
- Reduced SCR System Lifespan
- Increased emission of pollutants
- Clogged Catalytic Converter
- Clogged exhaust and injector



SCR System after Using Low Quality Aqueous Urea Solution (40,000 Km)

AUS-32 by Oilman

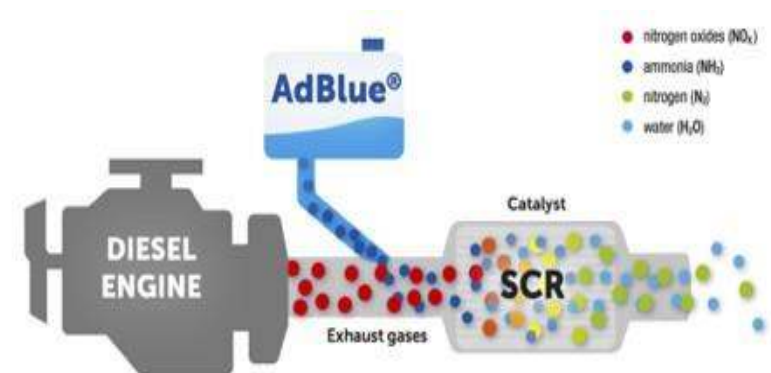
- Reduces maintenance cost
- Extends SCR System lifespan
- Ensures SCR System efficiency
- Improves fuel economy



SCR System after Using AdBlue by Oilman (40,000 Km)

How AUS-32 works in SCR System

The SCR system injects AUS-32 directly into the exhaust stream. When it enters the catalytic converter, it reacts with nitrous oxides from the combusted diesel producing non-hazardous, naturally occurring nitrogen and water. Due to its outstanding purity, AUS-32 by Oilman neither damages the SCR system nor reduces its lifespan.



Oilman AUS-32

Customised Packing as per customers requirement

From 10 Ltrs, 26 Ltrs, 210 Ltrs and Bulk

Oilman manufactures AUS-32 using a self-contained process. As a result, it is less susceptible to spoiling during storage, shipping and filling than AUS-32 made by dissolving urea pills. AUS-32 by Oilman can be kept at temperatures between -11 °C and 25 °C without any reduction in shelf life.

We offer Oilman AUS-32 in a range of container sizes, 10 litre bottles for top up, from 26 Litre, 210 Litre and Bulk (3000 L, 5000 L, 10000 L) storage with dispenser for large fleets and Bulk for OEM's. In short, we have a packaging solution to suit every need.



Oilman AUS-32

Usage recommendation

Storage

- Store AUS-32 away from direct light.
- Beyond 30°C, Oilman AUS-32 starts decomposing.
- Oilman AUS-32 freezes at -11°C. The automatic warming system of vehicle will allow making Adblue liquid again within 20 minutes after engine starts.
- If Oilman AUS-32 is stored outside vehicle tank, gently thaw it, it can then be used normally again.
- Keep Oilman AUS-32 equipment clean, away from dust and dirt.
- Oilman AUS-32 shelf life is around 12 Months.

Note: Shelf life depends on its storage conditions, and especially on the temperature in the storage location.

Handling

- Use Oilman AUS-32 delivered into dedicated and sealed Oilman AUS-32 package.
- Oilman AUS-32 is classified non-hazardous: in case of contact with skin or clothes, the recommendation is to rinse with water.
- Oilman AUS-32 has corrosive action on certain metals in case of spilling, rinse with water.
- Do not use equipment (bucket, etc.) used for other liquids to refill or store Oilman AUS-32
- Close tightly the Oilman AUS-32 bucket, container after refill.



The risk of mixing Oilman AUS-32 + Diesel:

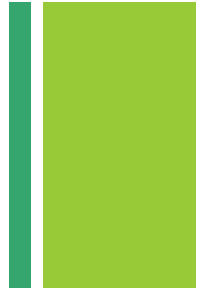
- Never mix Oilman AUS-32 with water or any other substances, **in particular with Diesel.**
- Mixing of Oilman AUS-32 and diesel is very risky because it will **DAMAGE SCR & repair cost** will be very **high**

APPLICATION



A broad range of applications

AUS-32 by Oilman can be deployed in all diesel engines that feature **SCR technology in BS IV / EURO 4 compliant engines** - including those in buses, trucks, ships, cars, stationary and mobile power plants, and mining, construction and agricultural vehicles.



AUS-32 by Oilman

Specifications

Urea Content	31.8- 33.2 %	Anx C of ISO 22241-2
Density @ 20° C	1.087 - 1.093 g/cm	DIN EN ISO 12185
Refracting Index @20° C	1.3814 - 1.3843	Anx C of ISO 22241-2
Alkalinity as NH3	≤ 0.2%	Anx D of ISO 22241-2
Biuret	≤ 0.3%	Anx E of ISO 22241-2
Aldehyde	≤ 5 mg/kg	Anx F of ISO 22241-2
In-soluble	≤ 20 mg/kg	Anx G of ISO 22241-2
Phosphate (PO4)	≤ 0.5 mg/kg	Anx H of ISO 22241-2
Calcium	≤ 0.5 mg/kg	Anx I of ISO 22241-2
Iron	≤ 0.5 mg/kg	Anx I of ISO 22241-2
Copper	≤ 0.2 mg/kg	Anx I of ISO 22241-2
Zinc	≤ 0.2 mg/kg	Anx I of ISO 22241-2
Chromium	≤ 0.2 mg/kg	Anx I of ISO 22241-2
Nickel	≤ 0.2 mg/kg	Anx I of ISO 22241-2
Aluminum	≤ 0.5 mg/kg	Anx I of ISO 22241-2
Magnesium	≤ 0.5 mg/kg	Anx I of ISO 22241-2
Sodium	≤ 0.5 mg/kg	Anx I of ISO 22241-2
Potassium	≤ 0.5 mg/kg	Anx I of ISO 22241-2

AUS-32 = registered trademark of the VDA (German Association of Automotive Industry)

Contact Us

AUS-32 by Oilman is tested according to the relevant ISO 22241 standards. For more information, please contact us

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